



<b>FORM PTO-1449</b> <b>Commerce (Rev. 2-32)</b>	<b>U. S. Department of</b> <b>Patent and Trademark Office</b>	<b>Atty. Docket No.</b>	<b>Serial No.</b>
 <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b>  (Use several Sheets is Necessary)		00-888-K	10/799,535
		<b>Applicant: Sullenger, et al.</b>	
		<b>Filing Date:</b> March 12, 2004	<b>Group:</b>

## U.S. PATENT APPLICATION DOCUMENTS


Examiner Initial	Document Number	Filing Date	Name	Class	Subclass	Publication Date if Appropriate

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
N	5,126,260	06-1992	Tuan, et al			
	5,225,337	07-1993	Robertson			
	5,869,254	02-1999	Sullenger			
	5,667,969	09-1997	Sullenger			
	5,225,337	07/06/93	Robertson			
	5,389,514	02/15/95	Taylor			
	5,869,254	02/09/99	Sullenger			
	4,987,017	01/22/91	Cech, et al			
	5,641,673	06/24/97	Haseloff, et al			
	5,498,531	03/12/97	Jarrell			


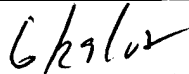
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## FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Translation	
							Yes	No
N		92/13090	08-1992	PCT				
		93/00833	05-1993	WO/PCT				
		90/01731	1990	EPO				
		88/04300	06-1988	WO/PCT				
		92/13089	08-1992	WO/PCT				
		92/07065	08-1992	WO/PCT				

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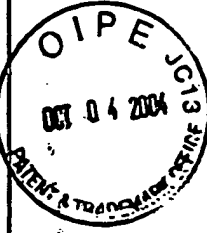
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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).


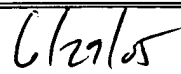
✓	Weber et al., "Antiviral properties of a dominant negative mutant of the herpes simplex virus type 1 regulatory protein ICP0," <i>Journal of General Virology</i> 73:2955-2961 (1992).
	Rossi, "Controlled, targeted, intracellular expression of ribozymes: progress and problems," <i>TIBTECH</i> 13:301-306 (1995).
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✓	Hampel and Tritz, "RNA Catalytic Properties of the Minimum (-)sTRSV Sequence," <u>Biochemistry</u> 28:4929-4933 (1989).
	Hampel et al., "'Hairpin' Catalytic RNA Model: Evidence for Helices and Sequence Requirement for Substrate RNA," <u>Nucleic Acids Research</u> 18:299-304 (1990).
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<input checked="" type="checkbox"/>	Kruger et al., "Self-Splicing RNA: Autoexcision and Autocyclization of the Ribosomal RNA Intervening Sequence of <i>Tetrahymena</i> ," <u>Cell</u> 31:147-157 (1982),
<input type="checkbox"/>	Malim et al., "Functional Dissection of the HIV-1 Rev <i>Trans</i> -Activator – Derivation of a <i>Trans</i> -Dominant Repressor of Rev Function" <u>Cell</u> 58:205-214 (1989).
<input type="checkbox"/>	Morgan and Anderson, "Human Gene Therapy," <u>Annu. Rev. Biochem.</u> 62:191-217 (1993).
<input type="checkbox"/>	Murphy and Cech, "Alteration of Substrate Specificity for the Endoribonucleolytic Cleavage of RNA by the <i>Tetrahymena</i> Ribozyme," <u>Proc. Natl. Acad. Sci. USA</u> 86:9218-9222 (1989).
<input type="checkbox"/>	Price and Cech, "Coupling of <i>Tetrahymena</i> Ribosomal RNA Splicing to $\beta$ -Galactosidase Expression in <i>Escherichia coli</i> ," <u>Science</u> 228:719-722 (1985).
<input type="checkbox"/>	Price and Cech, "Determinants of the 3' Splice Site for Self-splicing of the <i>Tetrahymena</i> pre-rRNA," <u>Genes &amp; Development</u> 2:1439-1447 (1988).
<input type="checkbox"/>	Sarver et al., "Ribozymes as Potential Anti-HIV-1 Therapeutic Agents" <u>Science</u> 247:1222-1225 (1990).
<input type="checkbox"/>	Smith et al., "Development of a <i>lacZ</i> Marked WEHI-3B D <sup>+</sup> Murine Leukemic Cell Line as an <i>In-Vivo</i> Model of Acute Non-Lymphocytic Leukemia," <u>Leukemia</u> 7:310-317 (1993).
<input type="checkbox"/>	Solnick, " <i>Trans</i> Splicing of mRNA Precursors," <u>Cell</u> 42:157-164 (1985).
<input type="checkbox"/>	Sullenger et al., "Overexpression of TAR Sequences Renders Cells Resistant to Human Immunodeficiency Virus Replication," <u>Cell</u> 63:601-608 (1990).
<input type="checkbox"/>	Trono et al., "HIV-1 Gag Mutants Can Dominantly Interfere with the Replication of the Wild-type Virus," <u>Cell</u> 59:113-120 (1989).
<input checked="" type="checkbox"/>	Tsuchihashi et al., "Protein Enhancement of Hammerhead Ribozyme Catalysis," <u>Science</u> 262:99-102 (1993).
<input checked="" type="checkbox"/>	van der Veen et al., "Excised Group II Introns in Yeast Mitochondria are Lariats and Can Be Formed by Self-splicing In Vitro," <u>Cell</u> 44:225-234 (1986).


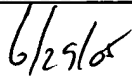
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✓	Weber et al., "Antiviral properties of a dominant negative mutant of the herpes simplex virus type 1 regulatory protein ICP0," <u>Journal of General Virology</u> 73:2955-2961 (1992).
✓	Zaug and Cech, "The Intervening Sequence RNA of <i>Tetrahymena</i> Is a Enzyme," <u>Science</u> 231:470-475 (1986).
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